## **Claims**

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- 1. A method for producing medicaments comprising vardenafil hydrochloride trihydrate in solid form, characterized in that
  - a) vardenafil hydrochloride with any water content is employed for producing the medicament,
- b) the verdenafil hydrochloride is converted substantially into the trihydrate form at an intermediate processing stage or in the final product.
  - 2. The method as claimed in claim 1, characterized in that coated tablets are produced as medicament.
  - 3. The method as claimed in claims 1 and 2, characterized in that the intermediate processing stage or the final product, or the coated tablet, are brought into contact with moistened gas until the trihydrate has substantially formed.
  - 4. The method as claimed in claim 3, characterized in that air is employed as gas.
- 5. The method as claimed in claims 3 and 5, characterized in that the gas employed has a relative humidity of from 35% to 100%.
  - 6. A medicament obtainable by the method as claimed in at least one of claims 1 to 5.
- A coated tablet obtainable by the methd as claimed in claim 2 to 5.

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- 8. A medicament as claimed in either of claims 6 and 7 for the treatment and/or prophylaxis of sexual dysfunctions.
- 9. A medicament as claimed in either of claims 6 and 7 for the treatment and/or prophylaxis of erectile dysfunction.
  - 10. The use of a medicament as claimed in either of claims 6 and 7 for the treatment and/or prophylaxis of erectile dysfunction.